

**ABSTRACT OF THE DISCLOSURE**

A storage system to be connected to a large-scale computer includes a plurality of host adaptors connected to a host device, a plurality of storage device for storing data from the host device, a plurality of disk adaptors connected to the storage devices, a plurality of caches for temporarily storing data transferred between the host adaptors and the disk adaptors, and two buses connected to the host disk adaptors, and the caches. The buses transfer data among the host and disk adaptors and the caches.